To: Gullett, Brian[Gullett.Brian@epa.gov]
Cc: CHIRAYATH, VED (ARC-SG)[ved.chirayath@nasa.gov]
From: Instrella, Ron (ARC-SG)[Bay Area Environmental Research Institute]
Sent: Mon 8/15/2016 10:14:27 PM
Subject: Re: Questions for Radford

Hi Brian,
Comments inline:

- The weight of the UAS including payload

S1000 w/Kolibri Sensor (8.24 kg)
S1000 w/HiVol Sensor (4.62kg)

- The frequency and power of the transmitter.

We're using a Futaba 2.4 GHz 14 Channel transmitter. It uses a 6V 1800mAh NiMH battery.

Hopefully this helps. Let me know if you need additional information.

Regards,
Ron

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On Aug 12, 2016, at 8:09 AM, Gullett, Brian <Gullett.Brian@epa.gov> wrote:

Ved, Ron,

Radford wants to know

- **The weight of the UAS including payload**
- **The frequency and power of the transmitter.**

Thanks!

Brian

PS We're probably staying in Virginia over the in-between weekend (although it's only 3.25 h from our homes). I'm going to talk to my team (there are 3 of us) about

this:

http://www.class-vi.com/rafting/gauley-river-single-day-rafting-trips

I've been rafting on the Gauley River about 10 times during the "fall draw-down" of the reservoir and it's great big water, lots of fun, if you're interested. There's also a great state-run golf course and lodge (Pipestem) about 45 min away in West Virginia if you're into golf.